
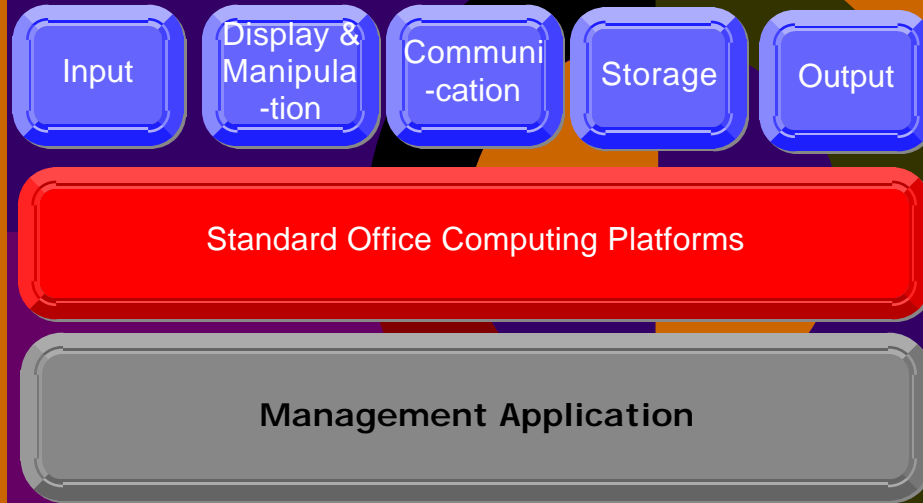


Essential Ingredients for the Imaging Cookbook



Developing an Imaging
Methodology

The Imaging Complexity Cycle



Business

Process

The Imaging Pre-Sales Process

- Discovery
- Analysis
- Specification
- Design



Discovery

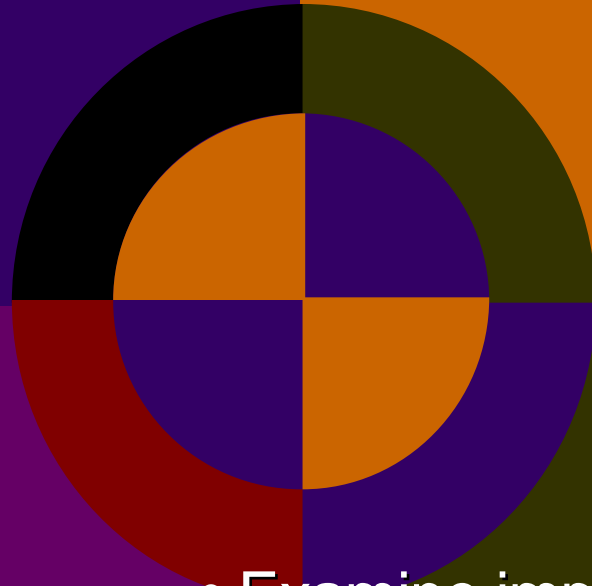
- The extent of the document problem
- The types of documents involved
- The treatment of those documents
- The physical location of those documents
- The physical condition of those documents
- The arrival rate of documents
- The arrival location of documents

Discovery Process



- Virtually no automated procedure
- Must be manually checked and verified

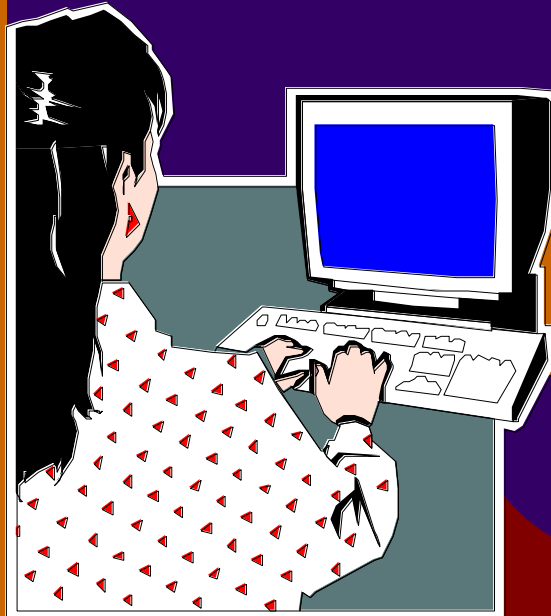
Analysis



- Examine impact on subsystem by subsystem basis

The Capture Subsystem

Input



- Determine net effective throughput

Capture Steps: The net effective throughput equation

From here:

- Document Preparation
- Scanning
- Data Extraction
- Indexing
- Quality Control
- Information Release

To there:

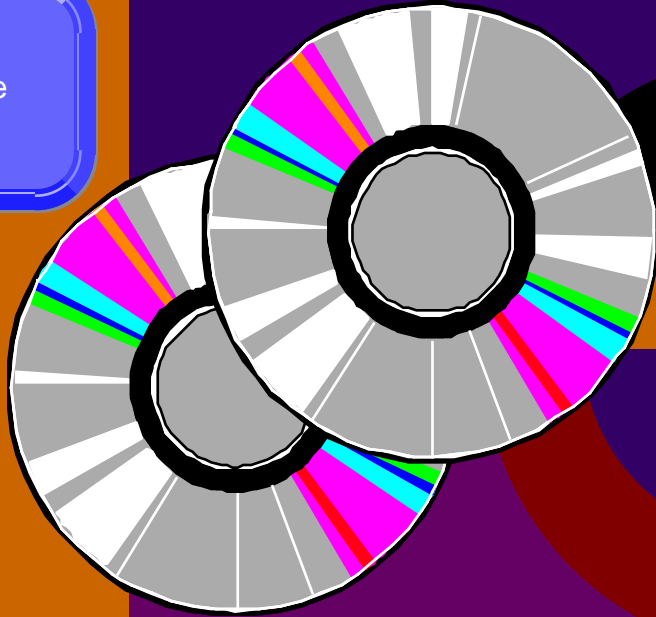
The Display Subsystem

Display &
Manipulation



- Who will read, and who will view?
- Analyze speed, features and viewing comfort!

The Storage Subsystem

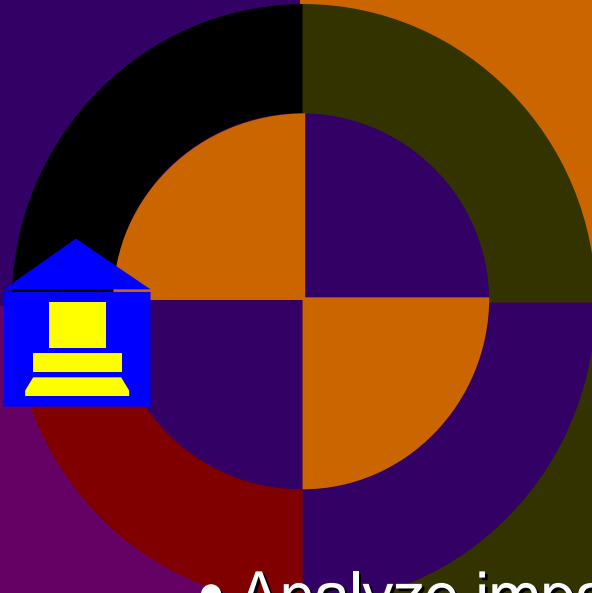
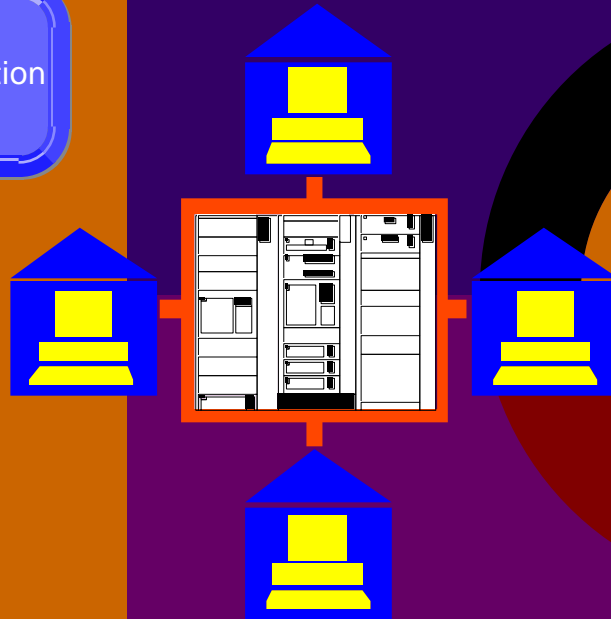


- Analyze retention periods
- Analyze retrieval needs
- Analyze workload

The Storage Subsystem

- Annual Capacity
- Working Capacity
- Long term storage capacity
- Media and device longevity
- Workload migration
 - > daily
 - > weekly
 - > annually

The Communications Subsystem



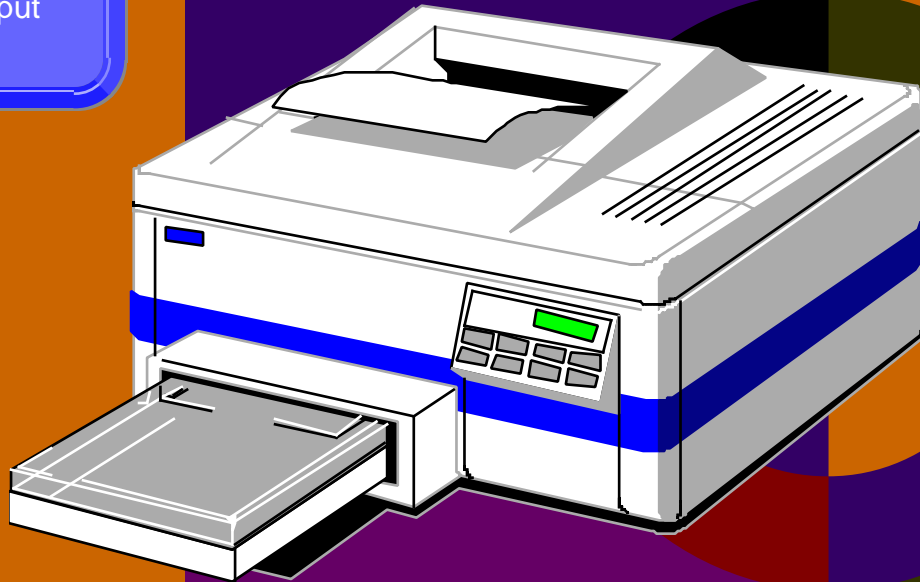
- Analyze impact of additional image traffic

Communications Subsystem

- Analyze existing traffic
- Analyze additional imaging load
- Difference = Network utilization

The Printing Subsystem

Output



- Analyze volumes
- Analyze locations

Integration

- Analyze database requirements
- Standard applications integration
- Tools

Specification: Match components to requirements

- Scanners - number, speed, features
- Displays - number, type, features
- Storage devices - type, features
- Printers - type, features, number
- Networks - segments, split servers, separate volume segments, wide area communications

Design

